

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

1-15. (Cancelled)

16. (Currently Amended) A method, performed in a wireless communication system, for sending a feedback message for an automatic repeat request, comprising:

recording an ACK type in a first field, wherein the ACK type indicates one of a selective ACK type, a cumulative ACK type, a cumulative-selective ACK type, and a cumulative-bulk ACK type;

estimatingdetermining a last block sequence number of successive blocks that are successfully received by a first wireless communication device from a second wireless communication device, to record the estimateddetermined last block sequence number in a firstsecond field;

recording, in a secondthird field, types of groups of successive blocks that are successfully or unsuccessfully received after the last block sequence number if the ACK type is the cumulative-bulk ACK type;

estimatingdetermining lengths of the groups to record the estimateddetermined lengths of the groups in a thirdfourth field if the ACK type is the cumulative-bulk ACK type; and

sending, by the first wireless communication device, a feedback message including fields from the first field to the thirdfourth field.

17-18. (Cancelled)

19. (Currently Amended) A method, performed in a wireless communication system, for sending a feedback message for an automatic repeat request, comprising:

recording an ACK type in a first field, wherein the ACK type indicates one of a selective ACK type, a cumulative ACK type, a cumulative-selective ACK type, and a cumulative-bulk ACK type;

~~estimatingdetermining~~ a last block sequence number of successive blocks that are successfully received ~~by a first wireless communication device from a second wireless communication device~~, to record the ~~estimateddetermined~~ last block sequence number in a second field;

~~estimatingdetermining~~ a number of ACK maps to record the ~~estimateddetermined~~ number of the ACK maps in a third field;

if the ACK type is the cumulative-bulk ACK type, recording, in a fourth field of each of the ACK maps, types of the groups of successive blocks that are successfully or unsuccessfully received after the last block sequence number, wherein the types of the groups indicate ~~one of an ACK type and a Negative ACKnowledgement (NACK) type~~ whether each of the groups is successfully received, and ~~estimatingdetermining~~ lengths of the groups for each of the ACK maps, to record the ~~estimateddetermined~~ lengths of the groups in a fifth field of each of the ACK maps; and

sending, by the first wireless communication device, a feedback message including fields from the first field to the fifth field.

20. (Currently Amended) A method, ~~performed in a wireless communication system~~, for sending a feedback message for an automatic repeat request, comprising:

recording an ACK type in a first field;

~~estimatingdetermining~~ a last block sequence number of successive blocks that are successfully received ~~by a first wireless communication device from a second wireless communication device~~, to record the ~~estimateddetermined~~ last block sequence number in a ~~first~~~~second~~ field;

~~estimatingdetermining~~ a number of groups of successive blocks that are successfully or unsuccessfully received after the last block sequence number, to record the ~~estimateddetermined~~ number of groups in a ~~second~~~~third~~ field;

recording types of the groups in a fourth field, wherein the types of the groups indicate whether each of the groups is successfully received;

~~estimatingdetermining~~ lengths of the groups to record the ~~estimateddetermined~~ lengths of the groups in a ~~third~~~~fifth~~ field; and

sending, by the first wireless communication device, a feedback message including fields from the first field to the third/fifth field.

21-22. (Cancelled)

23. (Currently Amended) The method of claim [[22]]20, wherein the ACK type indicates one of a selective ACK type, a cumulative ACK type, a cumulative-selective ACK type, and a cumulative-bulk ACK type, and wherein, if the ACK type is the cumulative-bulk ACK type, estimating/determining a number of the groups, recording the types of the groups, and estimating/determining the lengths of the groups to record the estimated/determined lengths of the groups.

24. (Cancelled)

25. (Currently Amended) A method, performed in a wireless communication system, for sending a feedback message for an automatic repeat request, comprising:

recording an ACK type in a first field, wherein the ACK type indicates one of a selective ACK type, a cumulative ACK type, a cumulative-selective ACK type, and a cumulative-bulk ACK type;

estimating/determining a last block sequence number of successive blocks that are successfully received by a first wireless communication device from a second wireless communication device, to record the last block sequence number in a second field;

estimating/determining a number of ACK maps to record the estimated/determined number of the ACK maps in a third field;

if the ACK type is the cumulative-bulk ACK type, estimating/determining a number of groups of successive blocks that are successfully or unsuccessfully received after the last block sequence number, to record information on the estimated/determined number of groups for each of the ACK maps in a fourth field of each of the ACK maps, recording types of the groups for each of the ACK maps in a fifth field of each of the ACK maps, wherein the types of the groups indicates one of an ACK type and a NACK type whether each of the groups is successfully

received, and estimating~~determining~~ lengths of the groups for each of the ACK maps, to record the ~~estimated~~determined lengths of the groups in a sixth field of each of the ACK maps; and

sending, by the first wireless communication device, a feedback message including fields from the first field to the sixth field.

26-32. (Cancelled)